

98-1-311IP

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Newell. Et al.

Serial No.: 09/413,923

Art Unit: 2879

Filed: 10/07/1999

Examiner: Haynes, M.

For: MERCURY-FREE METAL HALIDE ARC LAMPS

Assistant Commissioner for Patents
Box NON FEE AMENDMENT
Washington, D.C. 20231

Sir:

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231, on

Dec. 3, 2001
William H. McNeil
William H. McNeil

AMENDMENT/RESPONSE UNDER 37 CFR 1.111

In response to the Office Action dated 09/13/01, please amend/reconsider the above-identified application as follows:

CLEAN VERSION

IN THE CLAIMS:

Cancel Claims 2 and 4.

91 1. (Amended) A mercury-free, arc vessel constructed of fused silica having a pinched-seal at each end and having an aspect ratio greater than 5 and containing a fill comprised of iodides selected from the group consisting essentially of sodium, scandium, lithium, cesium and a buffer gas selected from the group consisting of xenon, argon and krypton.

92 3. (Amended) A mercury-free, metal halide lamp comprising; an outer envelope containing an atmosphere selected from the group consisting of vacuum and

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nitrogen; and an arc discharge vessel constructed of fused silica having a pinched-seal at each end and mounted therein; said vessel having an aspect ratio greater than 5 and containing a fill comprised of iodides selected from the group consisting of sodium, scandium, lithium or cesium and a buffer gas of from about 50 torr to 500 torr selected from the group consisting of xenon, argon and krypton.

Respectfully submitted,



William H. McNeill

Reg. No. 24,426

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